

COLD CHAIN REFRIGERATION, LOGISTICS AND TECHNOLOGY SUMMIT (CRLTS 2024)

22 23 May 2024

Protea Hotel Techno Park
Stellenbosch

Unleashing the Power of Technology to revolutionise SA's cold chain industry

Deliver cold supply chain excellence

As the demand for safe and secure transportation of food commodities, pharmaceuticals and perishables continues to rise, it's crucial for cold supply chain, 3PL and logistics companies to stay ahead of the game.



Sunny side up for solar industry

- Energy efficiency - Top priority for cold chain industry
- Meet face-to-face with cold storage and cold chain industries

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Integration of Advanced Refrigeration Technology, Robust Infrastructure, and Innovative Monitoring Systems, essential for driving the success of your Cold Chain Logistics.

Robust cold chain management system is integral to the success and sustainability of South Africa's agricultural, pharmaceutical, and food industries. It not only ensures the delivery of high-quality products to consumers but also contributes to economic development and global competitiveness. As such, continued investments in cold chain infrastructure and technology are essential for the country's growth and resilience in the face of evolving challenges.

Cold chain logistics continues to transform from a specialised sector into a key pillar of our global supply chains.

With a growing dependence on these systems to deliver temperature-sensitive goods in top-notch condition—from essential vaccines to the daily staples in our fridges—it's more important than ever that logistics technology makes it easier and more efficient to manage the nuances of temperature-controlled shipping.

Technological breakthroughs and a dedicated push toward sustainability are at the heart of digital transformation driving cold chain logistics forward.

Dive Deep into the world of cold chain storage technologies, where innovation meets necessity... Keeping it cool!

From advanced refrigeration methods to real-time monitoring systems, discover how these technologies ensure the quality and safety of temperature-sensitive products. As global demand for perishables rises, understanding the intricacies of cold chain storage becomes more crucial than ever.

Ready to explore the cutting-edge solutions shaping the future of perishable goods transport?

Join us for a Cold Chain Solutions event, where experts in supply chain, logistics, quality control, temperature regulation, packaging, distribution, and more, come together for an engaging 2-day summit.

Immerse yourself in an afternoon designed to offer insightful leadership discussions, networking opportunities, and dialogues covering various pertinent subjects related to cold chain management.

Highlights and trends shaping the future of cold chain includes:

- What are the **KEY** technologies transcending Cold Chain Logistics?
DELVE into key discussions around Cold Chain Technologies' solutions, followed by in-depth case studies and discussions.
- **GAIN** valuable insights into the latest innovations and best practices in cold chain technology for the agriculture, health and food distribution sectors.
- **PLAN, CREATE, TRACK** and **OPTIMISE** cold chain goods through monitoring and processes. By leveraging these advancements, Cold Chain Technologies plays a pivotal role in ensuring the secure arrival of safe and fresh products.

- **DISCOVER** Technological Innovations Enhancing Cold Chain Visibility and Monitoring
- How **IOT** and AI will transform the future of Cold Chain logistics forever.
- Adoption of Sustainable Logistics **PRACTICES** towards renewable energy sources, sustainable packaging, Given the global push towards sustainability, cold chain logistics could incorporate more renewable energy sources, such as solar-powered refrigeration units.
- What are the **GREEN TECHNOLOGIES** in Transport & Warehousing-The cold chain sector is embracing several key innovations in transportation and warehousing to enhance sustainability and efficiency.
- Cold Chain Logistics and the drive for resilience in Africa's Food Chain
- How can we mitigate the impact of **LOADSHEDDING** on the Cold Chain?
- **KEY** models for Infrastructure Investment: Investment in cold storage facilities, transportation infrastructure, and technology will be essential to accommodate the growing demand for cold chain logistics services.
- **HOW** do we create resilience planning within the Cold Chain to mitigate Climate Change Risks
- **MEASURING** regulatory compliance: This involves stricter regulations and standards for food safety and pharmaceuticals which may require companies to invest in improved Cold Chain Infrastructure and processes to ensure compliance.
- **KEY CASE-STUDIES** featuring the Latest Innovations and Technology in Cold Storage and Distribution.

The integrating the quality and safety of temperature-sensitive products from origin to destination.

Who Should Attend?

Professionals and decision makers from:

- Agro Industries Corporations & Agriculture Department
- Academic and Research Institutions • Agri Financing Corporations • Banks and Financial Institutions • Cold Storage Owners • Cold Chain Consultant • Dairy Development & Related Organizations • Manufacturers of Dairy Products • Ports • Shipping Companies • Transport and Logistic Companies • Supply Chain Solution Providers
- Government (Central, State Government Agencies & Departments) • Vineyards • Seafood Companies • Horticulture Department & Related Organizations • Fruits, vegetables, grains exporters & importers • Laboratories / Healthcare centres • Retail companies • Manufacturers of Processed & Packaged Foods • Pharmaceutical companies
- Progressive Farmers, Agro / Horticulture Producers
- Representatives of Growers Association of Fruits and Vegetables. • Animal Husbandry & Fisheries
- Department and Related Organizations

Book your place today:

Ravin on +27 82 571 9292 or **Trisha** on +27 72 468 7141

Accelerate the growth of your cold chain process by being part of an event that offers you the platform to key discussions, case studies and presentations by renowned experts within the Cold Chain

SPEAKERS INCLUDE:



Professor Leila Gerber
Cold Chain Specialist,
Department of Logistics
University of Stellenbosch



Mr. Samuel Jacobs
Executive Head, Business
Development Energy Partners
HVAC and Refrigeration SA



Mr. Gerhard Van Zyl
Group Operations Director,
Professional
Group of Companies



Mr Koné Souleymane
Team Lead, Essential
Programme on Immunisation,
World Health Organisation



Mr. Mark Cairns
Consultant, Cold Chain/
Transport



Ms. Casandra Barnes
CEO, CLCircular SA



Mr. Gary Benatar
Chairman, Relog SA



Mr. Martin Bailey
Executive, Industrial
Logistic System



Mr. Mesuli Mduli
Engineering Manager
County Fair WC



Mr. Farayi Kambarami
Head of Central Planning and
Data Woolworths Foods SA



Mr. Sean Petzer
Founder ESBD



Mr. Oghenetega Iortim
Founder, Figorr Nigeria



Ms. Samantha Sharkey
CEO, TMSA



**Mr. Nnaemeka C.
Ikegwuonu**
Founder, Cold Hub (Kenya &
Nigeria)



Mr. Fred Albrecht
Head of Cold Storage
Automation Logistics
Systems Engineering



Mr. Mischa Slabbert
MD, G8way Technologies



Dr Tarl Berry
Researcher, University of
Stellenbosch



Mr. Kosta Kontos
MD, Kontos Data Bank



Mr. James Cunningham
MD, Barpro Storage SA



Mr. Floris Visser
CEO, Relog SA



Mr Eckart Zollner
Business Development
Digital Parks Africa

AGENDA DAY ONE: 22ND MAY 2024

08:00-08:30		REGISTRATION
08:30-09:00	Opening remarks	Welcome address and overview of SA Cold chain industry.
09:00 -09:45	HOT TRENDS IN THE COLD CHAIN INDUSTRY • Examining the Strategies on how we can improve the Cold Chain across Africa.	Speaker: Mark Cairns: Cold Chain/Transport Consultant
09:45-10:30	Building the Cold Chain in SA. Models and Strategies Shaping the Industry.	Speaker: Gary Benatar: Chairman, Relog SA Co-presenter: Floris Visser: CEO, Relog SA
10:30-10:45		MORNING TEA/COFFEE
10:45-11:30	How Cooling-as-a-Service can Solve Africa's Cold Chain Challenges. • Climate Resilience and the Cold chain	Speaker: Samuel Jacobs: Executive Head, Business Development Energy Partners HVAC and Refrigeration SA
SESSION THEME:		SMART COLD CHAIN MANAGEMENT
TECHNOLOGICAL INNOVATIONS Cold Chain Visibility and Monitoring-Innovating for Smarter and Faster Delivery. IOT Technologies -Real time Monitoring of Refrigerated goods in Transit		Speaker: Casandra Barnes: CEO CLCircular SA
11:30-12:15		
12:15-13:00	Leveraging AI and digitalisation in Cold chain Logistics	Speaker: Sean Petzer: Founder ESBD
13:00-14:00		LUNCH BREAK
14:00-14:45	A comparison of different Technologies to Improve Temperature Control in Refrigerated Containers.	Speaker: Professor Leila Gerber: Cold Chain Specialist, Department of Logistics, University of Stellenbosch
14:45-15:15	Net zero Cold Chain Management	Speaker: Mr Eckart Zollner: Business Development Digital Parks Africa.
15:15-16:00	A Sustainable Cold Chain for a Cooler Tomorrow -How Green technologies is shaping the Cold Chain Industry.	Speaker: Mesuli Mduli: Mechanical Engineering Manager County Fair WC
16:00-16:30	Case Study: How IOT monitoring is changing the Cold Chain	Speaker: Oghenetega Lortim: Founder Figorr Nigeria
16:30-17:00	(Virtual) Case study: Solar Powered Solutions for off Grid Applications	Speaker: Nnaemeka C. Ikegwuonu: Founder, Cold Hub (Kenya and Nigeria)

END OF DAY ONE

DAY TWO -23RD May 2024

08:30:09:00	Pro's and Con's of Warehouse Automation in the Refrigerated Sector.	Speaker: Mr Fred Albrecht: Chief Executive Officer, Head of Cold Storage Automation Logistics Systems Engineering
09:00-09:45	Data Science Demystified "Data Strategy in Practise"	Speaker: Kosta Kontos MD: Kontos Data Bank
09:45-10:30	Innovative Cold Storage Solutions with Racking Systems	Speaker: James Cunningham: MD, Barpro Storage SA
10:30 -10:45		MID MORNING TEA /COFFEE
10:45-11:30	Designing your fool-proof Cold Storage Warehouse	Speaker: Martin Bailey: Executive Industrial Logistic System
11:30-12:15	Cold Chain Logistics and the drive for Resilience in Africa's food chain	Speaker: Dr Tarl Berry Researcher: University of Stellenbosch
12:15-13:00	ROUND TABLE DISCUSSION: Building The Next Generation Cold Chain: How AI is leapfrogging the Cold chain Industry.	Speakers: • Farayi Kambarami: Head of Central Planning and Data Woolworths Foods SA • Kosta Kontos: MD, Kontos Data Bank • Mischa Slabbert: MD, G8way Technologies
13:00-14:00		LUNCH BREAK
14:00-14:30	Reviewing Temperature Setpoints to save Energy across the Cold Chain	Speaker: Samantha Sharkey: CEO TMSA
14:30-15:15	The Power of Tech within the Cold Chain Industry	Speaker: Mr Gerhard Van Zyl: Group Operations Director, Professional Group of Companies
16:00-16:45	(Virtual)The Importance and Challenges of Cold Storage Infrastructure and Refrigeration Technologies to Ensure Efficient Distribution systems for Temperature Sensitive Products.	Speaker: Mr Koné Souleymane: Team Lead: Essential Programme on Immunisation World Health Organisation
16:45	Closing remarks and vote of thanks	

END OF CONFERENCE

Book your place today:
Ravin on +27 82 571 9292 or **Trisha** on +27 72 468 7141 **Email:** trisha@empiretraining.co.za



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